

Serial No.: 09/934,738

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings of claims in the application.

**Listing of Claims:**

1 (currently amended). In a communication server, a method of responding to an ~~application protocol request from a client application~~, the method comprising the steps of:

receiving from the client application an [[the]] application protocol request from the client application corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

creating at the server the at least one dynamic protocol object to form at least a portion of a reply to the application protocol request wherein the reply is disposed to include embedded static protocol objects;

sending the at least one dynamic protocol object to the client application;

retrieving the at least one static protocol object from a cache disposed in an operating system kernel; and

sending the at least one static protocol object to the client application. to complete the reply to the application protocol request at the client application.

2 (currently amended). The method of claim 1 wherein the ~~at least one static protocol object is stored in and retrieved from a protocol object cache~~ disposed within ~~[[an]] the~~ operating system kernel is a protocol object cache, on the communication server.

3 (original). The method of claim 1 wherein the application protocol request and the reply are formatted according to a hypertext transmission protocol (HTTP).

4 (original). The method of claim 2 wherein the application protocol request and the reply are formatted according to a hypertext transmission protocol (HTTP).

Serial No.: 09/934,738

5 (currently amended). A computer program product comprising a medium having computer program code embodied therein, the computer program code for enabling a server to respond to an ~~application protocol request from a client application~~, the computer program code comprising:

instructions for receiving ~~from the client application an~~ [[the]] application protocol request from the client application corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

instructions for creating ~~at the server the at least one~~ dynamic protocol object to ~~form at least a portion of a reply to the application protocol request wherein the reply is disposed to include embedded, static protocol objects;~~

instructions for sending the ~~at least one~~ dynamic protocol object to the client application;

instructions for retrieving ~~the at least one~~ static protocol object ~~from a cache disposed in an operating system kernel;~~ and

instructions for sending the ~~at least one~~ static protocol object to the client application. ~~to complete the reply to the application protocol request at the client application.~~

6 (currently amended). The computer program product of claim 5 wherein the ~~instructions for retrieving the at least one static protocol object are operable to retrieve the at least one protocol object from a protocol object cache disposed within~~ [[an]] the operating system kernel can be a protocol object cache, on the communication server.

7 (original). The computer program product of claim 5 operable to format the application protocol request and the reply according to a hypertext transmission protocol (HTTP).

8 (original). The computer program product of claim 6 operable to format the application protocol request and the reply according to a hypertext transmission protocol (HTTP).

Serial No.: 09/934,738

9 (currently amended). Apparatus for responding to ~~an application protocol request from a client application~~, the apparatus comprising:

a cache disposed in an operating system kernel;

means for receiving from the client application an [[the]] application protocol request from the client application corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

means for creating at a server the at least one dynamic protocol object to form at least a portion of a reply to the application protocol request wherein the reply is disposed to include embedded, static protocol objects;

means for sending the ~~at least one~~ dynamic protocol object to the client application;

means for retrieving ~~at least one~~ a static protocol object from the cache through an operable connection to the cache; and

means for sending the ~~at least one~~ static protocol object to the client application. ~~to complete the reply to the application protocol request at the client application.~~

10 (currently amended). The apparatus of claim 9 wherein the cache [[is]] can be a protocol object cache disposed within an operating system kernel.

11 (currently amended). An instruction execution system operable as a communication protocol server, operable to respond to ~~an application protocol request from a client application~~ by performing the steps of:

receiving from the client application an [[the]] application protocol request from the client application corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object;

creating at the server the at least one dynamic protocol object to form at least a portion of a reply to the application protocol request wherein the reply is disposed to include embedded, static protocol objects;

sending the at least one dynamic protocol object to the client application;

Serial No.: 09/934,738

retrieving ~~the at least one~~ static protocol object from a cache disposed in an operating system kernel; and

sending the ~~at least one~~ static protocol object to the client application. ~~to complete the reply to the application protocol request at the client application.~~

12 (original). The instruction execution system of claim 11 further operable as a hypertext transmission protocol (HTTP) server.

13 (new). The instruction execution system of claim 11 wherein the cache can be a protocol object cache.

14 (new). The instruction execution system of claim 12 wherein the cache can be a protocol object cache.